



Indiana Department of Environmental Management  
Office of Water Quality  
Wetlands Section

Publication Date:  
October 6, 2010

IDEM ID Number:  
2010-395-71-EMP-A

Closing Date:  
October 27, 2010

Corps of Engineers ID Number:  
LRE-2006-1710250

## PUBLIC NOTICE

### To all interested parties:

This letter shall serve as a formal notice of the receipt of an application for **Section 401 Water Quality Certification** by the Indiana Department of Environmental Management (IDEM). The purpose of the notice is to inform the public of active applications submitted for water quality certification under Section 401 of the Clean Water Act (33 U.S.C. § 1341) and to solicit comments and information on any impacts to water quality related to the proposed project. IDEM will evaluate whether the project complies with Indiana's water quality standards as set forth at 327 IAC 2.

- |                                |  |                  |  |
|--------------------------------|--|------------------|--|
| <b>1. Applicant:</b>           | Mr. Patrick Henthorn<br>City of South Bend - DPW<br>227 W. Jefferson Blvd., Ste. 1316<br>South Bend, IN 46601  | <b>2. Agent:</b> | Ms. Sarah Wright<br>Christopher B. Burke Engineering, Ltd.<br>115 W. Washington St., Ste. 1368<br>Indianapolis, IN 46204 |
| <b>3. Project location:</b>    | NE 1/4 Section 2, Township 37 North, Range 2 East, South Bend West Quadrangle<br>Outfall is located along the west bank of the St. Joseph River, north of the intersection of Angela Blvd. and Riverside Dr., in South Bend, St. Joseph County   |                  |  |
| <b>4. Affected waterbody:</b>  | St. Joseph River   |                  |  |
| <b>5. Project Description:</b> | The applicant proposes to construct a mile of new storm sewer along Diamond Avenue, which will daylight into a constructed pond to be built on the north side of Angela Blvd. west of Riverside Drive. The pond will filter pollutants and drop out sediment before the water outlets into the St. Joseph River via a proposed outfall. The proposed outfall will consist of a 10' wide, open bottom structure covered by fabricated rock cladding. The outfall will release water onto boulders to be placed on concrete block revetment matting and river rock (appx. dimensions of 10' wide by 32.8' out into the river. The concrete block revetment matting is proposed to be installed with an approximate footprint of 55' wide by 32.8' out into the river. Total open water impacts to the river bed are approximately 0.04 acre. |                  |  |

**Comment period:** Any person or entity who wishes to submit comments or information relevant to the aforementioned project may do so by the closing date noted above. Only comments or information related to water quality or potential impacts of the project on water quality can be considered by IDEM in the water quality certification review process.

**Public Hearing:** Any person may submit a written request that a public hearing be held to consider issues related to water quality in connection with the project detailed in this notice. The request for a hearing should be submitted within the comment period to be considered timely. The request should also state the reason for the public hearing as specifically as possible to assist IDEM in determining whether a public hearing is warranted.

**Questions?** Additional information may be obtained from Ms. Liz Pelloso, Project Manager, at 317-233-2482. Please address all correspondence to the project manager and reference the IDEM project identification number listed on this notice. Indicate if you wish to receive a copy of IDEM's final decision. Written comments and inquiries may be forwarded to -

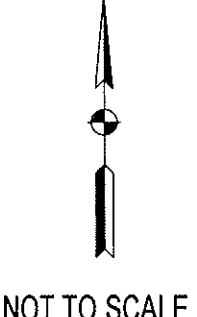
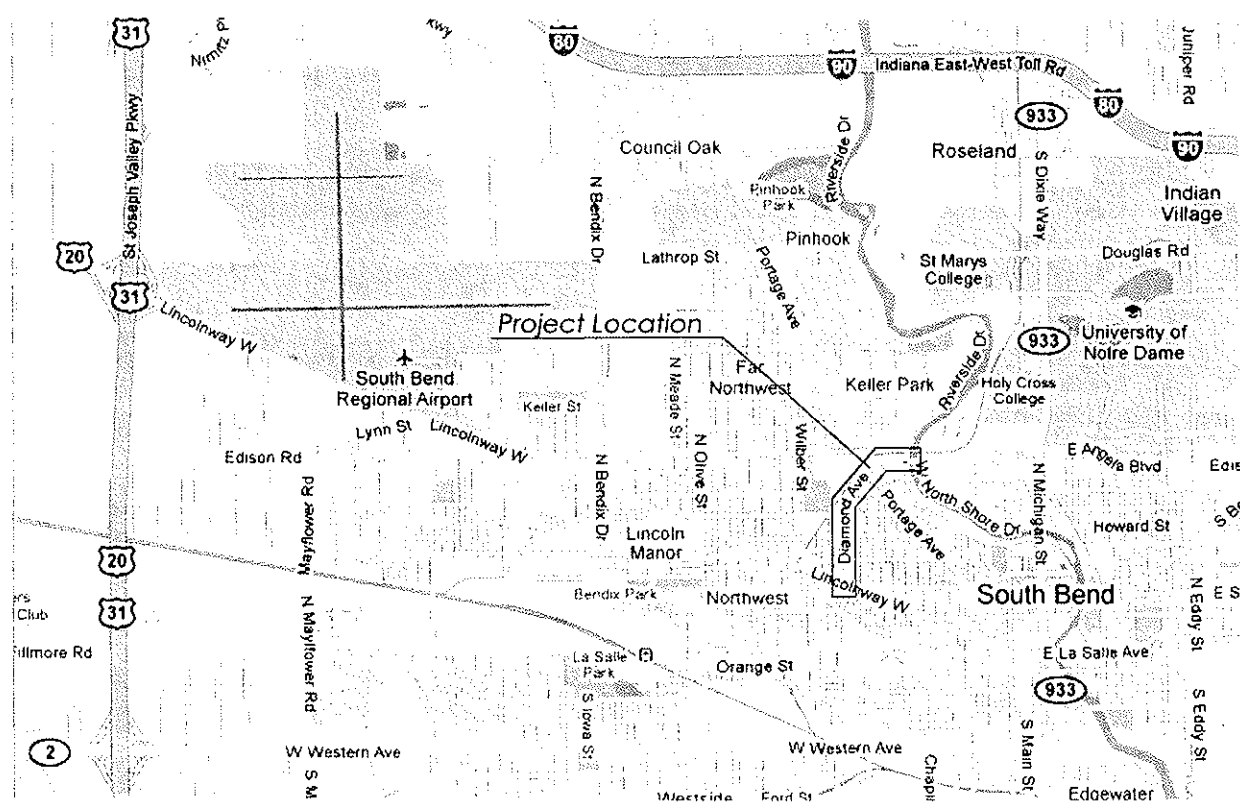
Indiana Department of Environmental Management  
100 North Senate Avenue  
MC65-42 WQS IGCN 1255  
Indianapolis, Indiana 46204-2251  
FAX: 317/232-8406

Rec'd  
9-8-10

# CITY OF SOUTH BEND, INDIANA

## DEPARTMENT OF PUBLIC WORKS

PROJECT      ☒ SEWER      ☐ WATER      ☐ TRAFFIC      ☒ STREET      ☐ OTHER



### CITY OF SOUTH BEND

#### DIAMOND AVE. TRUNK STORM SEWER

DECEMBER 2010  
CITY PROJECT No. 110-000

|  |  |  |  |
|--|--|--|--|
| APPROVED BY<br>BOARD OF PUBLIC WORKS   |  | RECOMMENDED FOR APPROVAL BY CITY STAFF   |  |
| DATE   |  | DATE   |  |
| GARY A. GILOT<br>PRESIDENT   |  | PATRICK HENTHORN<br>ASSISTANT CITY ENGINEER  |  |
| CARL P. LITTELL<br>MEMBER  |  | TOY VILLA<br>CONSTRUCTION  |  |
| DON E. INKS<br>MEMBER  |  | ED HERMAN<br>WATER   |  |
| TABLE OF CONTENTS  |  | STANDARD DRAWINGS  |  |
| 1 TITLE SHEET<br>2 - 3 TYPICAL SECTIONS<br>4 - 13 MAINTENANCE OF TRAFFIC<br>14 - 26 PLAN & PROFILES<br>27 GEOMETRIC LAYOUT<br>28 - 29 ROUNDABOUT PROFILES<br>30 GRADING DETAIL<br>31 - 33 PAVEMENT MARKING & SIGNAGE DETAIL<br>34 - 35 SIGN TABLE<br>36 APPROACH TABLE |  | SC-1 CONCRETE CURB<br>SP-4A MINIMUM PAVEMENT SECTION<br>SW-1 RESIDENTIAL SIDEWALK & APPROACH |  |
| PLANS PREPARED BY:<br><b>THE TROYER GROUP</b><br>550 Union Street<br>Mishawaka, Indiana 46544<br>Phone Number (574) 235-9976<br>Fax Number (574) 234-4048<br>www.troyer-group.com  |  | PLANS PREPARED FOR:<br><b>CITY OF SOUTH BEND</b><br>DEPARTMENT OF PUBLIC WORKS               |  |
| CHRISTOPHER L. WAIDNER, P.E.   |  | DATE   |  |
| PRELIMINARY<br>NOT FOR CONSTRUCTION<br>DATE: 8/3/2010  |  |  |  |

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| REVISION | DATE | DESCRIPTION |
|----------|------|-------------|
|          |      |             |
|          |      |             |
|          |      |             |
|          |      |             |
|          |      |             |

CITY OF SOUTH BEND, INDIANA PREVAILING SPECIFICATIONS LATEST EDITION,  
TO BE USED WITH THESE PLANS.



STEEL WAREHOUSE

St. Joseph River

outfall location

location where storm sewer will outlet into a new, constructed pond

open channel

8/31/2010 3:07:20 PM chv C:\projects\315\South Bend\08171400\design\sheet\gras01.dgn



550 Union Street  
Mishawaka, Indiana 46544  
Phone Number (574) 259-9976  
Fax Number (574) 254-4048  
www.troyergroup.com

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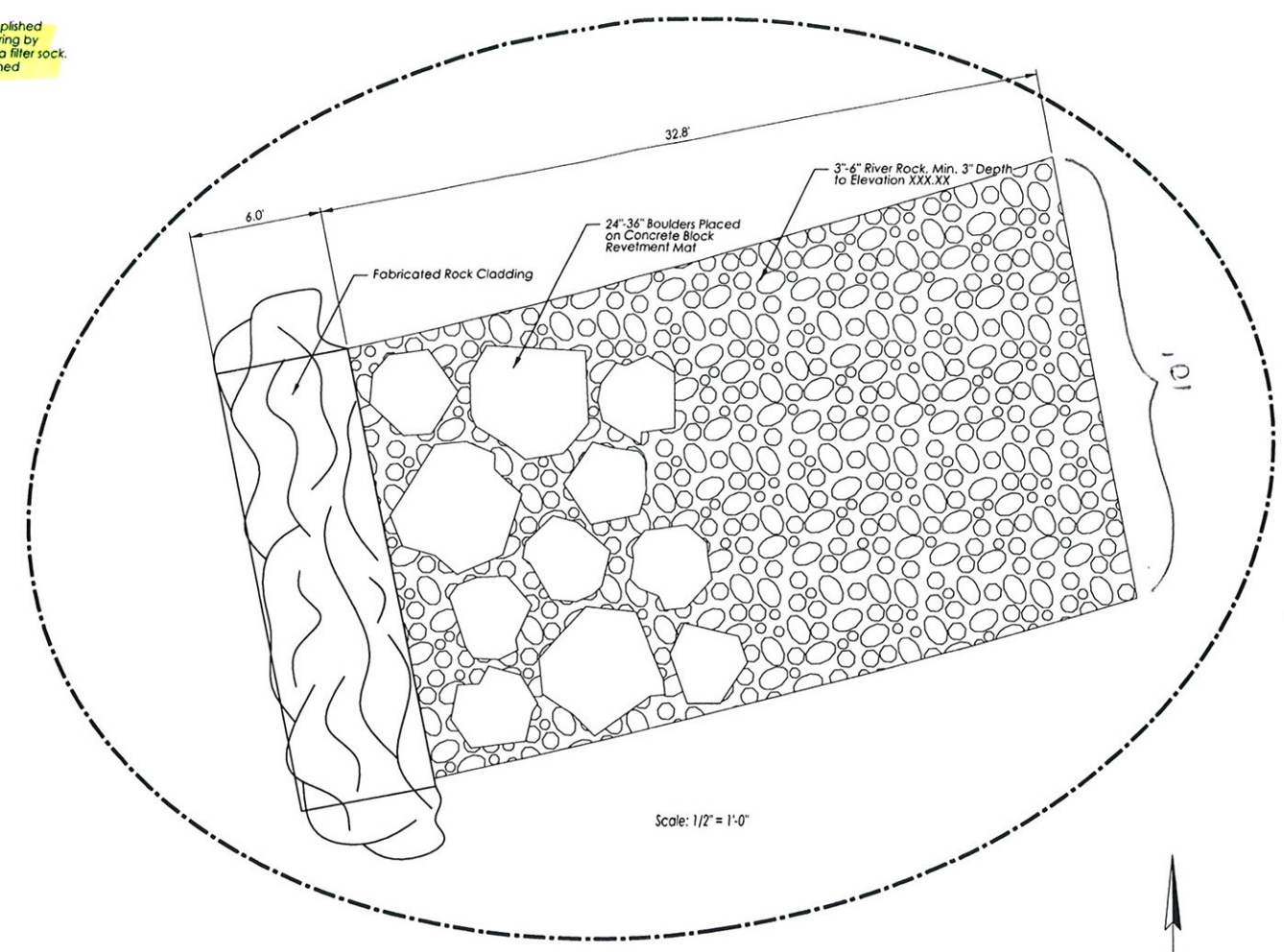
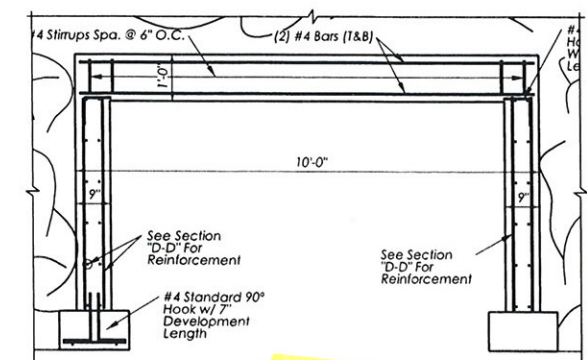
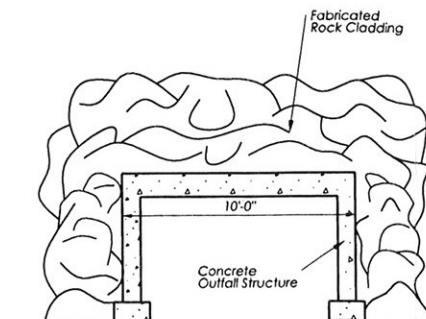
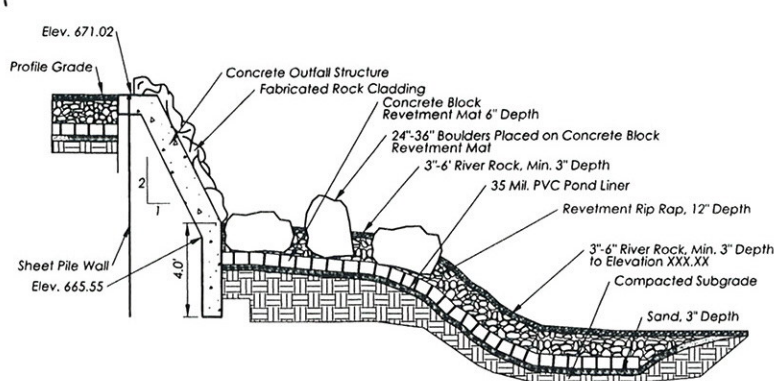
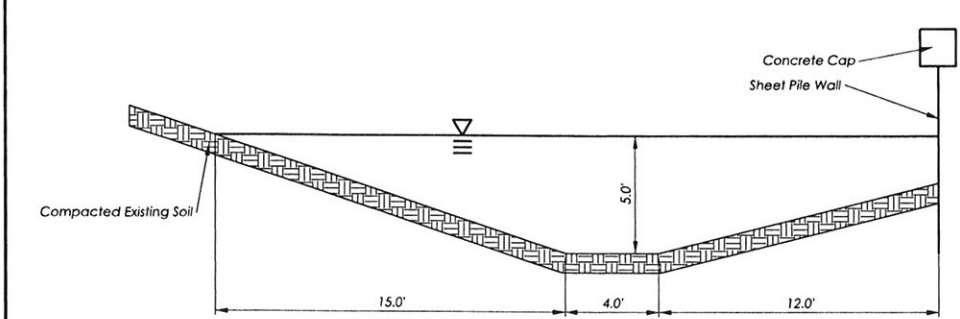
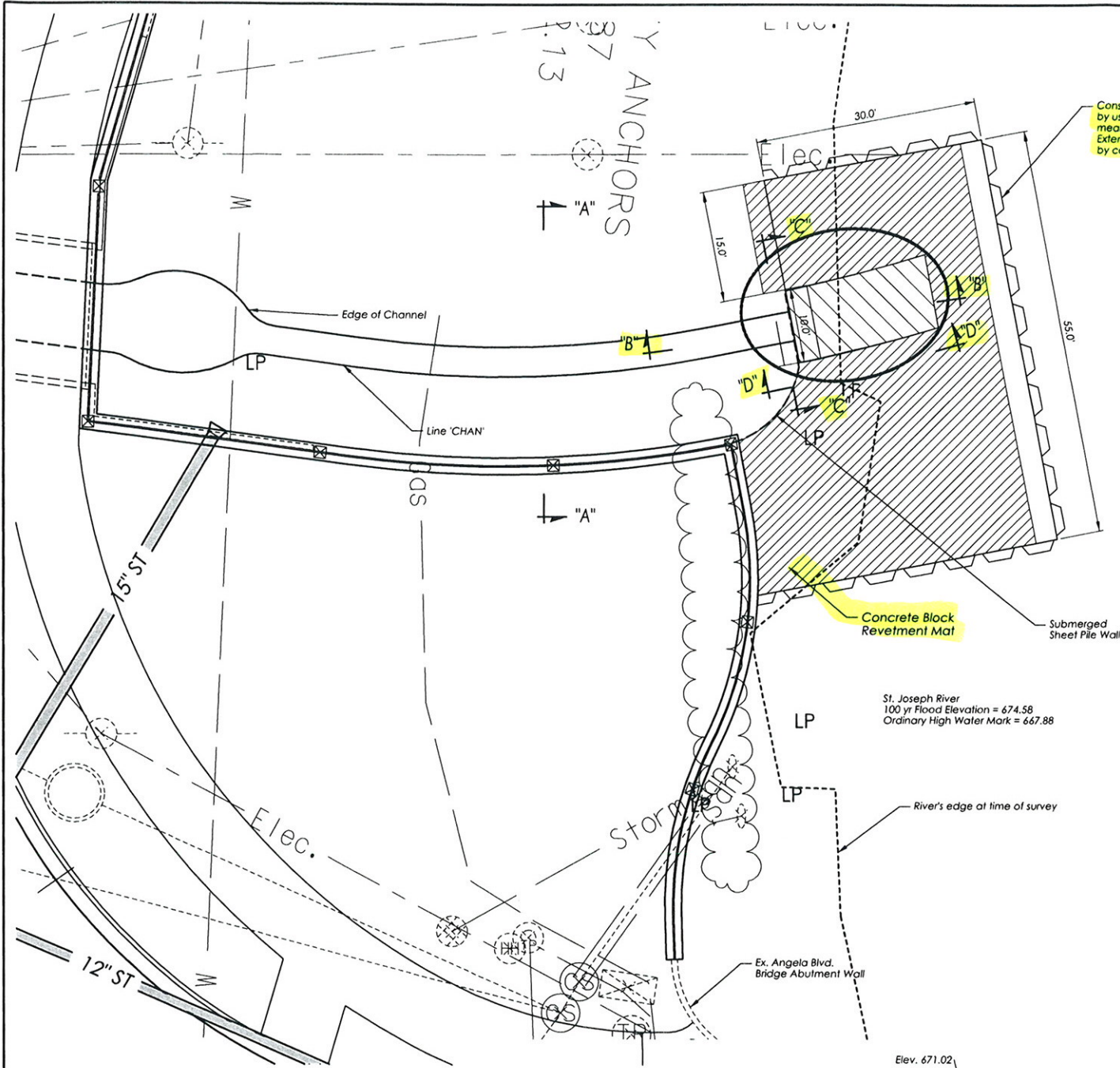
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|--------------------------------|--------------|
| RECOMMENDED FOR APPROVAL _____ |              |
| DESIGN ENGINEER                | DATE         |
| DESIGNED: CLW                  | DRAWN: DEF   |
| CHECKED: RJC                   | CHECKED: LRD |

CITY OF SOUTH BEND  
INDIANA

DIAMOND AVENUE TRUNK STORM SEWER  
SITE GRADING DETAIL

|                            |             |
|----------------------------|-------------|
| HORIZONTAL SCALE<br>1"=30' | ROAD FILE   |
| VERTICAL SCALE             | DESIGNATION |
| SURVEY BOOK                | SHEETS      |
| ELECTRONIC                 | 30 of 36    |
| CONTRACT                   | PROJECT     |





**Notes:**  
See Sheet 26 for Roundabout Geometric Layout



550 Union Street  
Mishawaka, Indiana 46544  
Phone Number (574) 239-9976  
Fax Number (574) 234-4048  
www.troyergroup.com

**PRELIMINARY**  
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DATE: 8/31/2010

RECOMMENDED FOR APPROVAL \_\_\_\_\_  
DESIGNED: \_\_\_\_\_ DRAWN: \_\_\_\_\_  
CHECKED: \_\_\_\_\_ CHECKED: \_\_\_\_\_

**CITY OF SOUTH BEND INDIANA**  
**DIAMOND AVENUE TRUNK STORM SEWER OUTFALL**

|                                       |                              |
|---------------------------------------|------------------------------|
| HORIZONTAL SCALE<br>1" = 10'          | ROAD FILE                    |
| VERTICAL SCALE                        | DESIGNATION                  |
| SURVEY BOOK<br>ELECTRONIC<br>CONTRACT | SHEETS<br>1 of 36<br>PROJECT |